

## TANDEM TYPE DEVOLATILIZING EXTRUDER

**Patent number:** JP11268098  
**Publication date:** 1999-10-05  
**Inventor:** TAKAMOTO SEIJI  
**Applicant:** JAPAN STEEL WORKS  
**Classification:**  
- **international:** B29C47/50; B29C47/76  
- **European:**  
**Application number:** JP19980075666 19980324  
**Priority number(s):**

## Abstract of JP11268098

**PROBLEM TO BE SOLVED:** To enhance the devolatilizing capacity and treatment capacity of a devolatilizing extruder. **SOLUTION:** In a tandem type devolatilizing extruder wherein a raw material ejecting port of a first stage extruder is connected to the raw material supply port of a second extruder, the first stage extruder is used as a plasticizing machine 1 for plastitizing a solid resin raw material when a raw material is a solid resin and used as a heater 1a heating a soln.-like resin raw material in the case of a soln.-like resin. The first stage extruder is used as a dehydrator 2 dehydrating water using dehydration slits 10a, 10b in the case of a solid resin or rubber containing water or a mixed soln. of water and volatile impurities and the second stage extruder is used as a multistage extruder 3 having one stage vent on the upstream side of the raw material port 8 thereof and a multistage vent on the downstream thereof.

